

95269

January-07-13 10:33:45 AM

N900040100

Setup Start *NS1*

Stop *NS2*

10

10

Reference:

Run Start *NR1*

Date: 13-01-7

Date:

Stop ***NR2***

QC:

Date:

SPC (Y/N):

Date:

**Insp.
Stamp**

Revision Nbr

D2661

Rev E

100

0.00

100

HAAS CNC VERTICAL MACHINING #1

0.00

HAAS 1

Memo

HAAS CNC vertical machine #1

Program part number and batch number.

Program part number and batch number
MACHINE AS PER DWG AND FOLIO FB073

FOLIO REV: AA
DWG REV: E

110

0.00

110

CONVENTIONAL MILLING MACHINE

0.00

Mill Conv

Memo

Conventional Milling Machine

Machine Keyway and inspect per attached dimension sheet

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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95269

January-07-13 10:33:45 AM

N900040100

Setup Start *NS1*

Stop ***NS2***

Start Date: 1/07/13 **Start Qty:** 10.00 ***10***

Required Date: 1/25/13 **Req'd Qty:** 10.00 ***10***

Reference:

Run Start *NR1*

Approvals: _____ **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Stop *NR2*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

**Insp.
Stamp**

120

on 13/03/31

1c

④

0.00

0.00

130

F.K. 13/04/01

10

Ø

0.00

0.00

140

K

7461342

0.00

Hand Finishing

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other		

Work Order ID 95269

95269

Page 3

January-07-13 10:33:45 AM

Item ID: D2661-1 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Saddle, LH Fwd Aft Out 206
 Start Date: 1/07/13 Start Qty: 10.00 *10* Cust Item ID:
 Required Date: 1/25/13 Req'd Qty: 10.00 *10* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	White Gloss(Ref:4.3.5.1) per QS1005 4.3-Alum	0.00							
150									
Powdercoat	Memo	0.00							
Powder Coating	START TIME: 8:30	OVEN TEMPERATURE:							
	FINISH TIME: 3200P	9:00							
160	QC3- Inspect Part Finish	0.00							
160									
QC	Memo	0.00							
Quality Control									
170	Identify as per dwg & Stock Location 57432	0.00							
170									
Packaging	Memo	0.00							
Packaging									

10X of m/f 13/04/03

104 of m/f 13/04/07

43/4/7 (10)

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other		

Work Order ID 95269***95269***

Page 4

January-07-13 10:33:45 AM

Item ID: D2661-1 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Saddle, LH Fwd Aft Out 206
Start Date: 1/07/13 Start Qty: 10.00 ***10*** Cust Item ID:
Required Date: 1/25/13 Req'd Qty: 10.00 ***10*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
180	QC21- Final Inspection - Work Order Release	0.00							
180									
QC	Memo	0.00							
Quality Control									

13/4/4

RB-044

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
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Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other		

Picklist Print

January-07-13 10:33:45 AM

Page 1

Work Order ID: 95269

Parent Item: D2661-1

Parent Item Name: Saddle, LH Fwd Aft Out 206

Start Date: 1/07/13

Required Date: 1/25/13

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP: C00.11.01Removed P/O for Powder Coat - in house
processEC
ERROR 11-11-17 JLM VERIFIED BY:DD
IPP Rev:D As per Rev D 07-03-19 JLM

IPP REV:D REDESIGN PER ENG

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D6101-003 Saddle Billet, 7075		Manufactured	No			100	Each	29.0000	1	10			

Location

Loc Qty

Loc Code

MAT042

29

91238

19

92531

2

93319

8

97563 X 10

OK 13/03/30

NOT PULLED

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
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Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
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Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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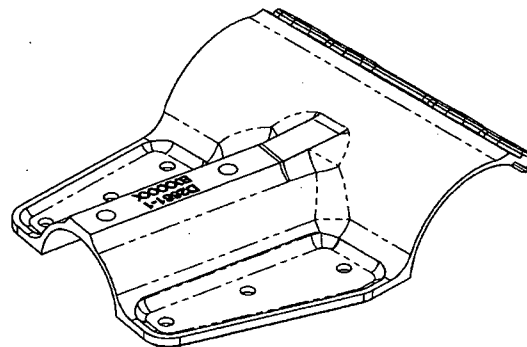
DART AEROSPACE LTD		Work Order:	95269
Description: 206 Saddle, Outboard, Left side		Part Number:	D2661-1
Inspection Dwg: D2661 Rev: E DSK: Rev:		Page 1 of 1	

FIRST ARTICLE INSPECTION DIMENSION SHEET

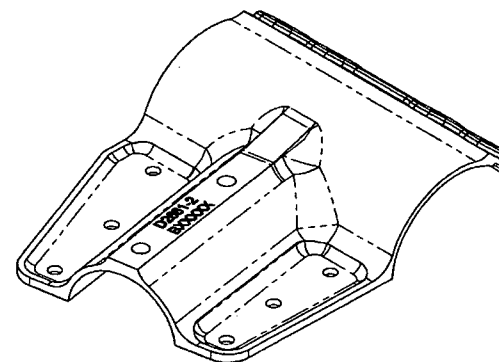
Dim	Min	Max	Go/No Go Gauge	Record Actual Dimensions				
				1	2	3	4	5
A	3.611	3.621		3.616	3.616	3.616	3.616	3.616
B	0.256	0.263		.258	.258	.258	.258	.258
C	0.315	0.322		.316	.316	.316	.316	.316
D	2.495	2.505		2.500	2.500	2.500	2.500	2.500
E	1.674	1.684		1.679	1.679	1.679	1.679	1.679
F	1.357	1.367		1.362	1.362	1.362	1.362	1.362
G	0.100	0.140		.125	.126	.126	.126	.126
H	0.210	0.230		.225	.225	.225	.225	.226
I	0.615	0.685		.675	.680	.680	.675	.675
J	2.470	2.510		2.490	2.490	2.490	2.490	2.490
K	1.313	1.343		1.324	1.325	1.325	1.325	1.325
L	0.178	0.198		.188	.188	.188	.188	.188
M	0.470	0.530		.500	.500	.500	.500	.500
N	1.125	1.145		1.136	1.136	1.136	1.136	1.135
O	0.100	0.180		.140	.140	.140	.140	.140
P	0.100	0.140		.133	.131	.131	.130	.131
Q	0.240	0.260		.251	.250	.251	.251	.251
R	0.677	0.697		.689	.689	.689	.687	.687
S	0.100	0.140		.121	.121	.122	.188	.120
T	1.565	1.585		1.576	1.575	1.5745	1.575	1.575
U	0.540	0.560		.549	.549	.549	.550	.549
V	0.912	0.932		.920	.920	.920	.920	.920
W	0.787	0.807		.796	.796	.796	.796	.796
X	5.990	6.010		6.000	6.000	5.999	5.999	6.000
Y	4.995	5.005		5.000	5.000	5.000	5.000	5.000
Z	0.490	0.510		.500	.500	.500	.500	.500
AA	0.312	0.319		.312	.312	.312	.312	.312
AB	0.990	1.010		1.002	1.003	1.001	1.001	1.002
AC	1.245	1.255		1.250	1.250	1.250	1.250	1.250
AD	0.490	0.510		.501	.501	.501	.501	.501
AE	3.745	3.755		3.750	3.750	3.750	3.750	3.750
AF	0.235	0.240		.240	.240	.239	.239	.239
AG	0.510	0.515		.512	.512	.513	.513	.512
AH	0.100	0.120		.112	.112	.112	.110	.112
Accept/Reject								

Measured by:	ONL	Date:	13/03/30
Audited by:	FK	Date:	13/04/01
Prototype Approval:		Date:	

Rev	Date	Change	Revised by	Approved
E	06.07.05	Revised per drawing revision C	KJ/JLM	
F	07.03.21	Revised per drawing revision D	KJ/JLM	
G	11.11.07	Dimensions C and F revised	KJ	
H	12.01.10	Revised per drawing revision E	KJ	HA



D2661-1 SADDLE, OUTSIDE, LH



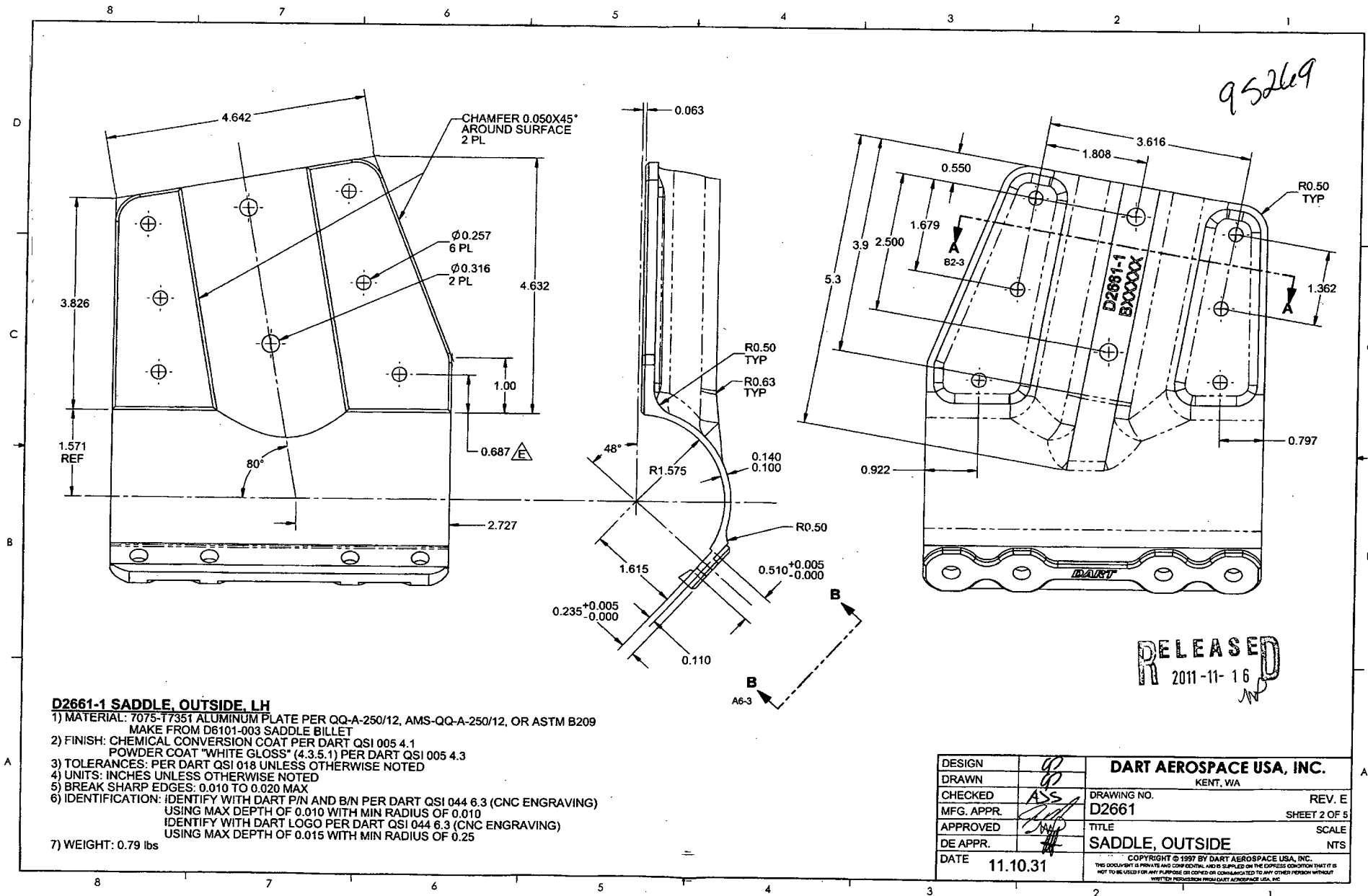
D2661-2 SADDLE, OUTSIDE, RH

95269
11/3-02-7

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2011-11-16

E	REDRAW & REFORMAT DWG; 0.687 WAS 0.547 (B6-2,B8-4), REF NCR 11-935	CP	11.10.31
D	R0.188 WAS R0.30; Ø0.316 WAS Ø0.313	CB	06.11.08
C	INCORPORATE DEO 8122, 8102, 9095	CB	06.05.29
B	ANGLE AND NOTES ADDED	KE	87.07.11
A	NEW ISSUE	DS	07.03.25
REV.	DESCRIPTION	BY	DATE
DESIGN	<i>JP</i>	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	<i>JP</i>		
CHECKED	<i>ASS</i>	DRAWING NO.	REV. E
MFG. APPR.	<i>JP</i>	D2661	SHEET 1 OF 5
APPROVED	<i>JP</i>	TITLE	SCALE
DE APPR.	<i>JP</i>	SADDLE, OUTSIDE	NTS
DATE	11.10.31	<small>COPYRIGHT © 1997 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	

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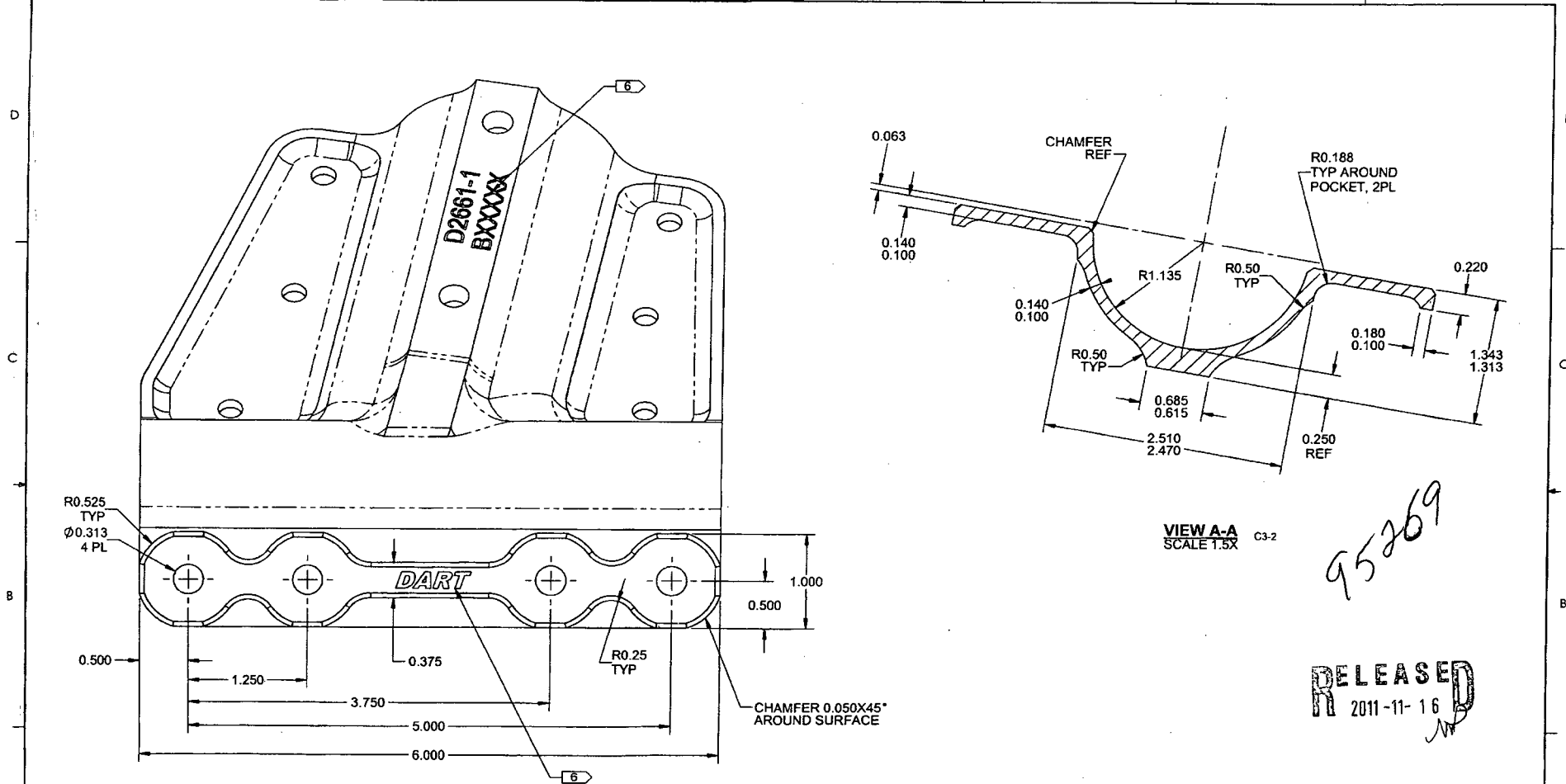
D2661-1 SADDLE, OUTSIDE, LH

- 1) MATERIAL: 7075-T7351 ALUMINUM PLATE PER QQ-A-250/12, AMS-QQ-A-250/12, OR ASTM B209
MAKE FROM D6101-003 SADDLE BILLET
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT "WHITE GLOSS" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.010 TO 0.020 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N PER DART QSI 044 6.3 (CNC ENGRAVING)
USING MAX DEPTH OF 0.010 WITH MIN RADIUS OF 0.010
IDENTIFY WITH DART LOGO PER DART QSI 044 6.3 (CNC ENGRAVING)
USING MAX DEPTH OF 0.015 WITH MIN RADIUS OF 0.25
- 7) WEIGHT: 0.79 lbs

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2011-11-16

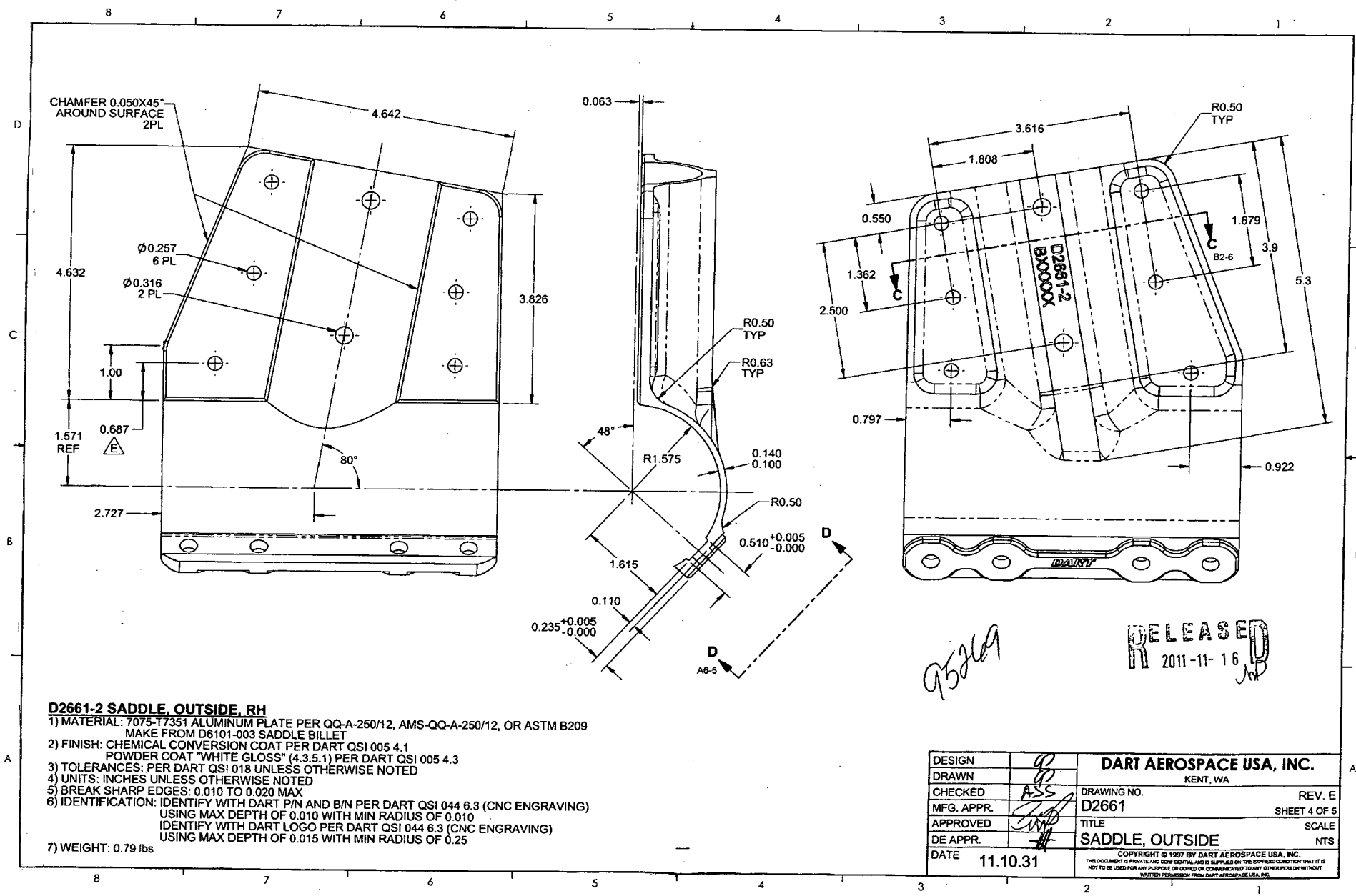
DESIGN		DART AEROSPACE USA, INC.	
DRAWN		KENT, WA	
CHECKED	ASS	DRAWING NO. D2661	REV. E
MFG. APPR.			SHEET 2 OF 5
APPROVED		TITLE	SCALE
DE APPR.		SADDLE, OUTSIDE	NTS
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8 7 6 5 4 3 2 1



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2011-11-16

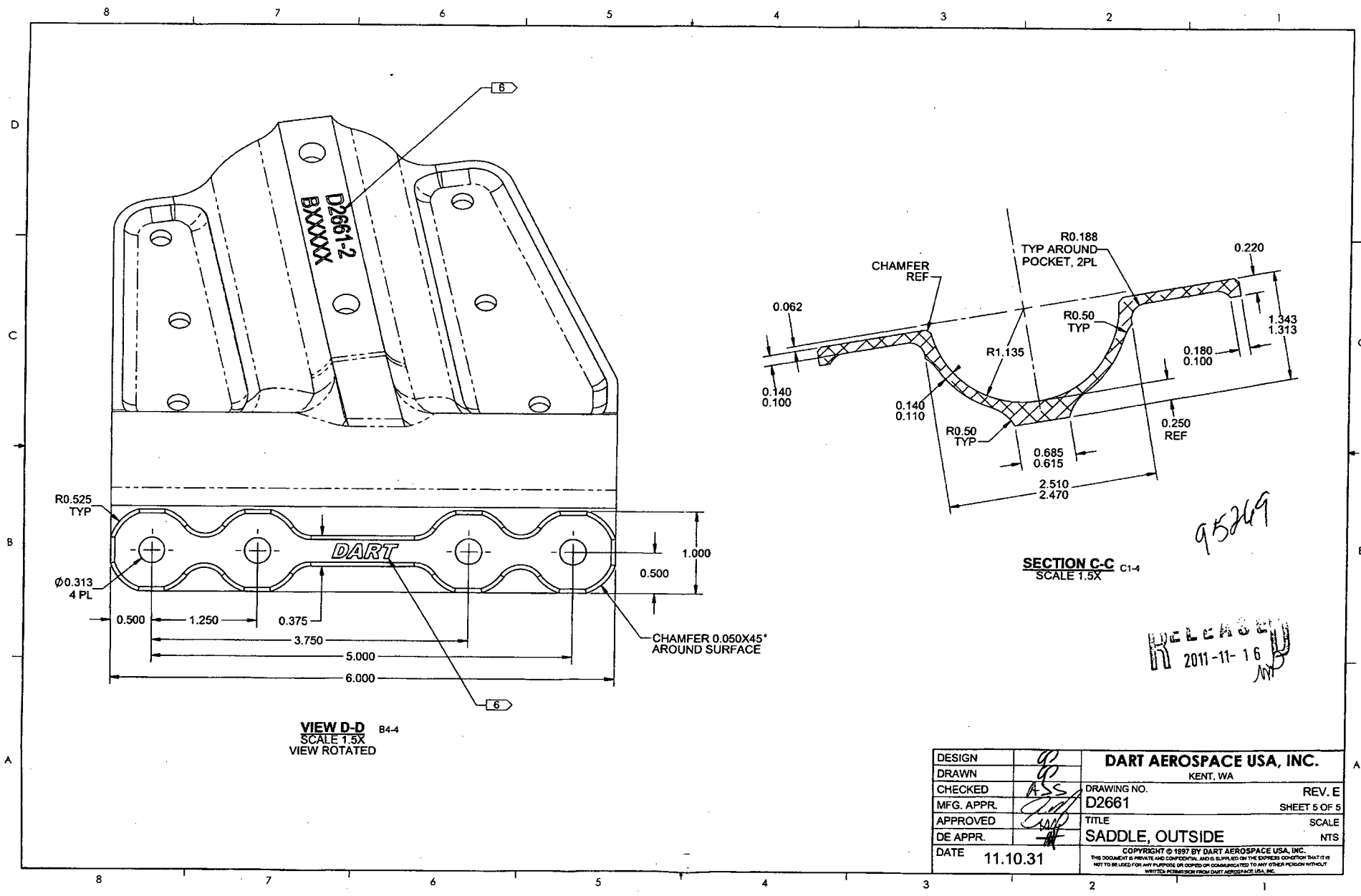
DESIGN	90	DART AEROSPACE USA, INC.	
DRAWN	90	KENT, WA	
CHECKED	AS	DRAWING NO.	REV. E
MFG. APPR.		D2661	SHEET 3 OF 5
APPROVED	JUN 10	TITLE	SCALE
DE APPR.	#	SADDLE, OUTSIDE	NTS
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D2661-2 SADDLE, OUTSIDE, RH

- 1) MATERIAL: 7075-T7351 ALUMINUM PLATE PER QQ-A-250/12, AMS-QQ-A-250/12, OR ASTM B209
MAKE FROM D6101-003 SADDLE BILLET
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT "WHITE GLOSS" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.010 TO 0.020 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N PER DART QSI 044 6.3 (CNC ENGRAVING)
USING MAX DEPTH OF 0.010 WITH MIN RADIUS OF 0.010
IDENTIFY WITH DART LOGO PER DART QSI 044 6.3 (CNC ENGRAVING)
USING MAX DEPTH OF 0.015 WITH MIN RADIUS OF 0.25
- 7) WEIGHT: 0.79 lbs

DESIGN		DART AEROSPACE USA, INC.	
DRAWN		KENT, WA	
CHECKED	ASS	DRAWING NO.	REV. E
MFG. APPR.		D2661	SHEET 4 OF 5
APPROVED		TITLE	SCALE
DE APPR.		SADDLE, OUTSIDE	NTS
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2011-11-16

DART AEROSPACE LTD				Work Order: 95219	
Description: 206 Saddle, Outboard, Left side				Part Number: D2661-1	
Inspection Dwg: D2661 Rev: E DSK: Rev:				Page 1 of 1	

FIRST ARTICLE INSPECTION DIMENSION SHEET

Dim	Min	Max	Go/No Go Gauge	Record Actual Dimensions				
				16	17	18	19	810
A	3.611	3.621		3.611	3.611	3.611	3.611	3.611
B	0.256	0.263		.258	.258	.258	.258	.258
C	0.315	0.322		.316	.316	.316	.316	.316
D	2.495	2.505		2.500	2.500	2.500	2.500	2.500
E	1.674	1.684		1.679	1.679	1.679	1.679	1.679
F	1.357	1.367		1.362	1.362	1.362	1.362	1.362
G	0.100	0.140		.126	.126	.125	.126	.126
H	0.210	0.230		.225	.225	.225	.225	.225
I	0.615	0.685		.680	.675	.680	.680	.680
J	2.470	2.510		2.490	2.490	2.490	2.490	2.490
K	1.313	1.343		1.326	1.325	1.325	1.325	1.325
L	0.178	0.198		.188	.188	.188	.188	.188
M	0.470	0.530		.500	.500	.500	.500	.500
N	1.125	1.145		1.136	1.136	1.135	1.135	1.136
O	0.100	0.180		.140	.140	.140	.140	.140
P	0.100	0.140		.130	.131	.130	.131	.130
Q	0.240	0.260		.250	.251	.251	.251	.251
R	0.677	0.697		.687	.688	.688	.688	.687
S	0.100	0.140		.120	.120	.119	.120	.120
T	1.565	1.585		1.575	1.575	1.573	1.574	1.575
U	0.540	0.560		.550	.550	.550	.550	.550
V	0.912	0.932		.920	.920	.920	.920	.920
W	0.787	0.807		.797	.799	.796	.796	.796
X	5.990	6.010		6.000	6.000	6.000	6.000	6.000
Y	4.995	5.005		5.000	5.000	5.000	5.000	5.000
Z	0.490	0.510		.500	.500	.500	.500	.500
AA	0.312	0.319		.312	.312	.312	.312	.312
AB	0.990	1.010		1.001	1.001	1.001	1.002	1.001
AC	1.245	1.255		1.250	1.250	1.250	1.250	1.250
AD	0.490	0.510		.500	.501	.501	.501	.501
AE	3.745	3.755		3.750	3.750	3.750	3.750	3.750
AF	0.235	0.240		.239	.239	.239	.239	.239
AG	0.510	0.515		.512	.512	.512	.512	.512
AH	0.100	0.120		.111	.111	.111	.111	.111
Accept/Reject								

Measured by: <i>AMK</i>	Date: 13/03/31
Audited by: <i>FK</i>	Date: 13/04/01
Prototype Approval:	Date:

Rev	Date	Change	Revised by	Approved
E	06.07.05	Revised per drawing revision C	KJ/JLM	
F	07.03.21	Revised per drawing revision D	KJ/JLM	
G	11.11.07	Dimensions C and F revised	KJ	
H	12.01.10	Revised per drawing revision E	KJ	<i>AM</i>